FERRUM TRADING INC.

3515 Preston Rd., Suite 102 Pasadena, TX 77505 Tele (713) 487-6694 Fax (713) 487-0912

May 13, 1992

Ms. Donna Mullins U.S. Environmental Protection Agency Region VI Office 1445 Ross Avenue Dallas, Texas 75202

Re: Completion Report for Removal of PCB-Affected Materials from the Former Rink Corporation Site in Sealy, Texas

Dear Ms. Mullins:

The purpose of this letter is to inform you that we have transmitted to your staff (specifically, Mr. Jeff Robinson) one copy of the final Completion Report which documents the cleanup of the PCB-affected soils from the former Rink Corporation site located in Sealy, Texas. The cleanup was conducted in accordance with the 1.0 ppm standard set forth in your letter dated December 17, 1990. Ferrum Trading, Inc., acting through our agent, Southwest Construction Managers, Inc., disposed of all soils having PCB concentrations at or above 1.0 ppm at the (TSCA permitted) U.S. Pollution Control, Inc. landfill in Clive, Utah. Field work was completed in November, 1991.

Should you or your staff have any questions, please call me at (713) 487-6694.

Sincerely,

FERRUM TRADING, INC.

ackson

Mark J. Jackson

Mark J. Jackson/sms:AG686130-E92 Enclosure

CC: Jeff Robinson, EPA Region VI, (w/o Appendices)
Anne C. Dobbs, Texas Water Commission (transmittal only)
Tom Weber, Texas Water Commission
Robert Musik, Texas Water Commission, SER-DP
(w/o Appendices)
John Maresh, City of Sealy
Brent Jones, Southwest Construction Managers, Inc.
Richard Bost, ERM-Southwest, Inc. (w/o Appendices)
Daniel Simeone, ERM-Southwest, Inc.
Philip Tritico, ERM-Southwest, Inc. (w/o Appendices)

Prepared by:

II əmulov

Ferrum Trading Incorporated

Prepared for

IN SEALY, TEXAS LEOW THE FORMER RINK CORPORATION SITE PCB-AFFECTED MATERIALS COMPLETION REPORT FOR REMOVAL OF

16300 Katy Freeway, Suite 301 Houston, Texas 77094 (713) 579-8999

SOUTHWEST CONSTRUCTION MANAGERS, INC.

Job No. 2004-01

мау 13, 1992



GULF STATES ANALYTICAL INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: B448 Matrix: Soil GSAI Sample: 29029 GSAI Group: 5137 Date Reported: 10/09/91 Discard Date: 11/08/91 Date Submitted: 09/13/91 Date Sampled: 09/13/91 DM

Collected by:

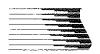
Purchase Order:

Project No : 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	14.0	%	0.1	09/16/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200

Houston, TX 77079

Attn:

Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: B548 Matrix: Soil GSAI Sample:

29030

GSAI Group:

5137

Date Reported:

10/09/91

Discard Date:

11/08/91

Date Submitted: 09/13/91

Date Sampled: Collected by: 09/13/91 DM

Purchase Order:

Project No.:

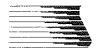
130-15

Test	Analysis		Results	Units	Limit of Quantitation		
0111	Moisture Method:	EPA 160.3	16.0	%	0.1	09/16/91	SUB
1216	Method: S	inated Biphenyls, Soli SW-846 8080 Dry Weight Basis	ds < 1.0	mg/kg	0.10	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079

Houston, TX

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: C148 Matrix: Soil

Method:

GSAI Sample: 29035 GSAI Group: 5137 Date Reported: 10/09/91 Discard Date: 11/08/91

Date Submitted: 09/13/91 Date Sampled: 09/13/91

Collected by: DM Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Results Units Quantitation Analyzed Analyst Analysis Test 0.1 14.0 % 09/16/91 SUB 0111 Moisture

Polychlorinated Biphenyls, Solids

Method: SW-846 8080

PCB's, Dry Weight Basis

EPA 160.3

< 1.0 mg/kg 0.10 09/15/91 SUB

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: C248 Matrix: Soil

29034 GSAI Sample: GSAI Group: 5137 Date Reported: 10/09/91 Discard Date: 11/08/91 Date Submitted: 09/13/91 09/13/91 Date Sampled: DM

Collected by:

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	13.0	%	0.1	09/16/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, State 118

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: C348 Matrix: Soil

29033 GSAI Sample: GSAI Group: 5137 10/09/91 Date Reported: Discard Date: 11/08/91 Date Submitted: 09/13/91 Date Sampled: 09/13/91 DM Collected by:

Purchase Order:

130-15

Project No.:

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	13.0	%	0.1	09/16/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.
Project Manager



5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr.

Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: C448 Matrix: Soil GSAI Sample: 29032 GSAI Group: 5137 Date Reported: 10/09/91 Discard Date: 11/08/91 Date Submitted: 09/13/91

Date Submitted: Date Sampled: 09/13/91

Collected by: Purchase Order:

Project No.:

130-15

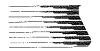
Date Limit of Extracted/ Results Units Quantitation Analyzed Analyst Test Analysis 0.1 Moisture 14.0 % 09/16/91 SUB 0111 EPA 160.3 Method: Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis < 1.0 0.10 09/15/91 mg/kg SUB

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

> > mui E

Damien E. Durbin, Ph.D.

Project Manager



CRITE STATES ANALYTICAL, INC.

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: C548 Soil Matrix:

29031 GSAI Sample: 5137 GSAI Group: 10/09/91 Date Reported: 11/08/91 Discard Date: Date Submitted: 09/13/91 09/13/91 Date Sampled: Collected by: DM

Purchase Order:

130-15 Project No.:

Test	Analysis	Results	Units	Limit of E Quantitation		
0111	Moisture Method: EPA 160.3	20.0	%	0.1	09/16/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



GULF STATES ANALYTICIAL, INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: D148 Matrix: Soil GSAI Sample: 29319
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Collected by: DPS

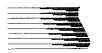
Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	14.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079

Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: D248 Matrix: Soil

GSAI Sample: 29318 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91

Collected by: DPS

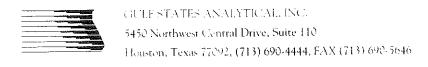
Purchase Order:

130-15 Project No.:

 Test	Analysis	Results	Units	Limit of D		
0111	Moisture Method: EPA 160.3	12.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: D348 Matrix: Soil

29313 GSAI Sample: GSAI Group: 5178 Date Reported: 10/10/91 11/09/91 Discard Date: Date Submitted: 09/18/91 Date Sampled: 09/18/91 DPS Collected by:

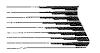
Purchase Order:

Project No.: 130-15

,	Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
placement weeps	0111	Moisture Method: EPA 160.3	12.0	%	0.1	09/20/91	SUB
and the second second second	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

amu ? Damien E. Durbin, Ph.D.



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: D448 Matrix: Soil GSAI Sample: 29312 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91

Collected by: DPS

Purchase Order:

130-15 Project No.:

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	12.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



GULF STATES ANALYTICAL INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: D548 Matrix: Soil GSAI Sample: 29307 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Units Results Analysis Test 0.1 09/20/91 SUB % 15.0 0111 Moisture EPA 160.3 Method: 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 09/19/91 SUB 0.10 < 1.0 mg/kg PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: E148 Matrix: Soil

29320 GSAI Sample: 5178 GSAI Group: 10/10/91 Date Reported: 11/09/91 Discard Date: Date Submitted: 09/18/91 09/18/91 Date Sampled: DPS

Collected by:

Purchase Order:

130-15 Project No :

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	12.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: E248 Matrix: Soil GSAI Sample: 29317
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of D		
0111	Moisture Method: EPA 160.3	11.0	%	0.1	09/20/91	ŞUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: E348 Matrix: Soil GSAI Sample: 29314
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Collected by: DPS

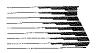
Collected by: Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	15.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: E448 Matrix: Soil

GSAI Sample: 29311 GSAI Group: 5178 Date Reported: 10/10/91 11/09/91 Discard Date: Date Submitted: 09/18/91 09/18/91 Date Sampled: Collected by: DPS

Purchase Order:

130-15 Project No.:

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Analysis Test Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 09/19/91 SUB 0.160 mg/kg > 1.0 PCB's, as Received

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D



CITEF STATES ANALYTICAL INC. 5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: E548 Soil Matrix:

29308 GSAI Sample: GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 09/18/91 Date Sampled: DPS

Collected by:

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	18.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



5450 Northwest Central Drive, Suite 110

Houston, Texas 77892, (713) 690-4444, FAX (713) 698-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: F148

Purchase Order: 130-15 Project No.:

Date Submitted: 09/18/91

GSAI Sample:

Date Reported:

Discard Date:

Date Sampled:

Collected by:

GSAI Group:

29321

5178

10/10/91

11/09/91

09/18/91

DPS

Matrix: Soil

_ Test	Analysis	Results	Units	Limit of I		
0111	Moisture Method: EPA 160.3	12.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



GULF STATES ANALYTICAL INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: F248 Matrix: Soil GSAI Sample: 29316
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Collected by: DPS

Purchase Order:

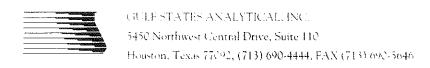
Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	10.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn:

Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: F348 Matrix: Soil

GSAI Sample: 29315 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91

Collected by:

DPS

Purchase Order:

Project No.:

130-15

Test	Analysis	Results	Units	Limit of Quantitation	. ,	
0111	Moisture Method: EPA 160.3	12.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Attn:

Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: F448 Matrix: Soil

29310 GSAI Sample: 5178 GSAI Group: Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91

Date Sampled:

09/18/91

Collected by:

DPS

Purchase Order:

130-15

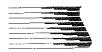
Project No :

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Test Analysis Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 0.160 09/19/91 SUB mg/kg PCB's, as Received > 1.0

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D

Project Manager



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

iloubbon, co

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: F548 Matrix: Soil GSAI Sample: 29309
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Test Analysis

Results

Units

Quantitation Analyzed Analyst

Polychlorinated Biphenyls, Solids

Method: SW-846 8080

PCB's, as Received

National Date

Limit of Extracted/

Quantitation Analyzed Analyst

O.160 09/19/91 SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: G148 Soil Matrix:

29323 GSAI Sample: 5178 GSAI Group: Date Reported: 10/10/91 11/09/91 Discard Date: Date Submitted: 09/18/91 09/18/91 Date Sampled: Collected by: DPS

Purchase Order:

130-15 Project No.:

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Analysis Test 09/20/91 SUB 0.1 % 11.0 0111 Moisture EPA 160.3 Method: 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 SUB 0.10 09/19/91 mg/kg < 1.0 PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

11003 0011, 212

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: G248 Matrix: Soil GSAI Sample: 29322
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Gollected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Analysis Test SUB 0.1 09/20/91 9.0 0111 Moisture EPA 160.3 Method: Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 0.10 09/19/91 SUB < 1.0 mg/kg PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: G348 Soil Matrix:

GSAI Sample: 29324 5178 GSAI Group: 10/10/91 Date Reported: Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91 Collected by: DPS

Purchase Order:

130-15 Project No.:

	Test	Analysis	Results	Units	Limit of E		
	0111	Moisture Method: EPA 160.3	11.0	%	0.1	09/20/91	SUB
**************************************	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's. Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone

Attn: Project: Otto Wolff Sealy, TX

Sample ID: G448 Matrix: Soil

29325 GSAI Sample: 5178 GSAI Group: 10/10/91 Date Reported: Discard Date: 11/09/91 Date Submitted: 09/18/91 09/18/91 Date Sampled: Collected by: DPS

Purchase Order:

130-15 Project No.:

Date Limit of Extracted/ Units Quantitation Analyzed Analyst Results Test Analysis Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 09/19/91 SUB 0.160 > 1.0 mg/kg PCB's, as Received

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D

Project Manager



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: G548 Matrix: Soil GSAI Sample: 29329
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

					Date Limit of Extracted/			
	Test	Analysis	Results	Units	Quantitation Analyzed Analyst			
	1216							
:		Method: SW-846 8080 PCB's, as Received	> 1.0	mg/kg	0.160 09/19/91 SUB			

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: H148 Matrix: Soil GSAI Sample: 29336 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91

Collected by: D

Purchase Order:

Project No.: 130-15

	Test	Analysis	Results	Units	Limit of E Quantitation		
,	0111	Moisture Method: EPA 160.3	9.0	%	0.1	09/20/91	SUB
	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: H248 Matrix: Soil GSAI Sample: 29337 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91 Collected by: DS

Durchase Order

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	9.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: H348 Matrix: Soil

Collected by: Purchase Order:

Project No.: 130-15

Date Submitted: 09/18/91

29338

5178

10/10/91

11/09/91

09/18/91

DS

GSAI Sample:

Date Reported:

Discard Date:

Date Sampled:

GSAI Group:

Test	Analysis	Results	Units	Limit of D		!
0111	Moisture Method: EPA 160.3	. 9.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200

Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: H448 Matrix: Soil GSAI Sample: 29326 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Test Analysis Results Units Quantitation Analyzed Analyst

1216 Polychlorinated Biphenyls, Solids
Method: SW-846 8080
PCB's, as Received > 1.0 mg/kg 0.160 09/19/91 SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: H548 Matrix: Soil GSAI Sample: 28906 GSAI Group: 5114 Date Reported: 09/16/91 Discard Date: 10/16/91 Date Submitted: 09/12/91 Date Sampled: 09/11/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Units Results Test Analysis 09/18/91 JW 0.1 17.8 % Moisture 0111 EPA 160.3 Method: Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 0.160 09/16/91 mg/kg PCB's, Dry Weight Basis > 1.0

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: H648 Matrix: Soil GSAI Sample: 28904
GSAI Group: 5114
Date Reported: 09/16/91
Discard Date: 10/16/91
Date Submitted: 09/12/91
Date Sampled: 09/11/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

continuous districts.	Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst
'Constant and Constant and Cons	0111	Moisture Method: EPA 160.3	18.8	%	0.1 09/18/91 JW
companion (c)	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	> 1.0	mg/kg	0.160 09/15/91 MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Burbin, Ph.D.

Project Manager



5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200

Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: I148 Matrix: Soil GSAI Sample: 29335 5178 GSAI Group: Date Reported: 10/10/91 11/09/91 Discard Date: Date Submitted: 09/18/91 Date Sampled:

Collected by: DS

09/18/91

Purchase Order:

Project No.:

130-15

Test	Analysis		Results	Units	Limit of Quantitation		
0111	Moisture Method:	EPA 160.3	10.0	<u></u> %	0.1	09/20/91	SUB
1216	Method:	inated Biphenyls, Solid SW-846 8080 Dry Weight Basis	s < 1.0	mg/kg	0.10	09/19/91	LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



GULESTATES ANALYTICAL INC.

5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: I248 Matrix: Soil

29334 GSAI Sample: GSAI Group: 5178 10/10/91 Date Reported: Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91 DS

Collected by:

Purchase Order:

130-15 Project No.:

Test	Analysis	Results	Units	Limit of D		
0111	Moisture Method: EPA 160.3	10.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/19/91	LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



CHILE STATES ANALYTICAL INC

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: I348 Matrix: Soil GSAI Sample: 29333
GSAI Group: 5178
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 09/18/91
Date Sampled: 09/18/91

Collected by: DS

Purchase Order:

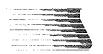
Project No.: 130-15

Test	Analysis	Results	Units	Limit of E		
0111	Moisture Method: EPA 160.3	10.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	> 1.0	mg/kg	0.50	09/19/91	LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



CALLESTATES CONTROL OF THE 5452 Northwest Court Driver State 112

Houseon, T. S. 1997 1915 692-4444, E. A. 1933 697 Sede

ANALYSIS REPORT (Revised 02/11/92)

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: I448

Matrix: Soil

29327 GSAI Sample: GSAI Group: 5178 10/10/91 Date Reported: Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91 Collected by: DPS

Purchase Order:

130-15 Project No.:

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Test Analysis 9.0 % 0.1 09/20/91 SUB 0111 Moisture EPA 160.3 Method: 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 09/19/91 LG 1.0 mg/kg 0.50 PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: I548 Matrix: Soil GSAI Sample: 28907
GSAI Group: 5114
Date Reported: 09/16/91
Discard Date: 10/16/91
Date Submitted: 09/12/91
Date Sampled: 09/11/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Analysis Test Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 09/13/91 MD 0.160 mg/kg > 1.0 PCB's, as Received

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Darbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Daniel Simeone Attn: Project: Otto Wolff Sealy, Tx

Sample ID: 1648 Matrix: Soil GSAI Sample: 28903 GSAI Group: 5114 Date Reported: 09/16/91 10/16/91 Discard Date: Date Submitted: 09/12/91 09/11/91 Date Sampled: Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Units Quantitation Analyzed Analyst Results Test Analysis Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 09/13/91 MD 0.160 > 1.0 mg/kg PCB's, as Received

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E Durbin, Ph.D Project Manager



GULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: J148 Matrix: Soil GSAI Sample: 29330 GSAI Group: 5178 Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 09/18/91 Date Sampled: 09/18/91 Collected by: DS

Purchase Order:

Purchase Older.

Project No.: 130-15

Test	Analysis	Results	Units	Limit of I		
0111	Moisture Method: EPA 160.3	8.0	%	0.1	09/20/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.50	09/19/91	LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D

Project Manager



GULF STATES ANALYTICAL, INC.

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200

77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: J248 Soil Matrix:

29331 GSAI Sample: GSAI Group: 5178 Date Reported: 10/10/91 11/09/91 Discard Date: Date Submitted: 09/18/91 09/18/91 Date Sampled: Collected by: DS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Units Quantitation Analyzed Analyst Results Analysis Test Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 09/19/91 SUB 0.160 mg/kg > 1.0 PCB's, as Received

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



GULF STATES ANALYTICAL INC. 5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: J348 Matrix: Soil GSAI Sample: 29332 GSAI Group: 5178 Date Reported: 10/10/91 11/09/91 Discard Date: Date Submitted: 09/18/91 Date Sampled: 09/18/91 Collected by:

Purchase Order:

130-15 Project No.:

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Analysis Test SUB 0.1 09/20/91 10.0 % Moisture 0111

Method: EPA 160.3 Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080

PCB's, Dry Weight Basis

< 1.0

mg/kg

0.50

09/19/91

LG

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



GULF STATES ANALYTICAL, INC.

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: J448 Matrix: Soil

Date

29328

5178

10/10/91

11/09/91

09/18/91

130-15

DPS

GSAI Sample:

Date Reported:

Date Submitted: 09/18/91

Discard Date:

Date Sampled:

Collected by:

Purchase Order: Project No.:

GSAI Group:

Limit of Extracted/ Units Quantitation Analyzed Analyst Results Analysis Test 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, as Received > 1.0 mg/kg 0.160 09/19/91 SUB

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



QUILE STATES AN MATHEMALING.

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: J548 Matrix: Soil GSAI Sample: 28847 GSAI Group: 5098 Date Reported: 09/20/91 Discard Date: 10/20/91 Date Submitted: 09/10/91 Date Sampled: 09/10/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Test Analysis Results Units Quantitation Analyzed Analyst

1216 Polychlorinated Biphenyls, Solids
Method: SW-846 8080
PCB's, as Received > 1.0 mg/kg 0.160 09/11/91 MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: J648 Matrix: Soil GSAI Sample: 28905 GSAI Group: 5114 Date Reported: 09/16/91 Discard Date: 10/16/91 Date Submitted: 09/12/91 Date Sampled: 09/11/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation	Date Extracted, Analyzed	
0111	Moisture Method: EPA 160.3	13.5	%	0.1	09/18/91	WL
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/15/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



erral Drive, Suite 112 -2 (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Brent Jones Attn:

Project: Otto Wolff, Sealy, TX

Sample ID: K148

Soil Matrix:

GSAI Sample: 30584 5404 GSAI Group: Date Reported: 10/18/91 Discard Date: 11/17/91 Date Submitted: 10/16/91 Date Sampled: 10/16/91

DPS Collected by:

Purchase Order:

130-15 Project No.:

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	19.1	%	0.1	10/18/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/17/91	RK

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D

Project Manager



ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Brent Jones

Project: Otto Wolff, Sealy, TX

Sample ID: K248 Matrix: Soil GSAI Sample: 30585
GSAI Group: 5404
Date Reported: 10/18/91
Discard Date: 11/17/91
Date Submitted: 10/16/91
Date Sampled: 10/16/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analys		
0111	Moisture Method: EPA 160.3	17.6	%	0.1	10/18/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/17/91	RK

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin Ph.D.

Project Manager



GULE STATES ANALYTICAL, INC.

5450 Northwest Central Drive, Suite 110

Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200

Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: K348 Matrix: Soil

29996 GSAI Sample: 5301 GSAI Group: Date Reported: 10/10/91 Discard Date: 11/09/91 Date Submitted: 10/03/91 10/03/91 Date Sampled: Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Analysis Test 10/08/91 % 0.1 RM 14.5 0111 Moisture EPA 160.3 Method: 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 0.160 10/04/91 MD PCB's, Dry Weight Basis < 1.0 mg/kg

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D Project Manager



CILLES FATES ANALYTICAL INC.

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: K548 Matrix: Soil

GSAI Sample: 28846
GSAI Group: 5098
Date Reported: 09/20/91
Discard Date: 10/20/91
Date Submitted: 09/10/91
Date Sampled: 09/10/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of I Quantitation		
0111	Moisture Method: EPA 160.3	13.6	%	0.1	09/16/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	> 1.0	mg/kg	0.160	09/15/91	₩D

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



(a) Drive, State 112 (b) (713) 692-4444, FAX (713) 692-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Brent Jones

Project: Otto Wolff, Sealy, TX

Sample ID: L148 Matrix: Soil GSAI Sample: 30587 GSAI Group: 5404 Date Reported: 10/18/91 Discard Date: 11/17/91 Date Submitted: 10/16/91 Date Sampled: 10/16/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	15.9	*	0.1	10/18/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/17/91	RK

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



First Drive, Some 118 J. (713) 690-4444, EAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite $\bar{2}00$ Houston, TX 77079

Attn:

Mr. Brent Jones

Project: Otto Wolff, Sealy, TX

Sample ID: L248 Matrix: Soil GSAI Sample: GSAI Group:

30586 5404

Date Reported: Discard Date:

10/18/91 11/17/91

Date Submitted: 10/16/91 Date Sampled:

10/16/91

Collected by:

DPS

Purchase Order:

Project No.:

130-15

AND	Test	Analysis	Results	Units	Limit of Extracted/ Quantitation Analyzed Analyst	<u>:</u>
- WAXAGEMENT	0111	Moisture Method: EPA 160.3	17.9	%	0.1 10/18/91 RM	
White an experimental activities	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160 10/17/91 RK	

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D. Project Manager



CULF STATES ANALYTICAL, INC. 5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone Project: Otto Wolff Sealy,TX

Sample ID: L348 Matrix: Soil

GSAI Sample: 29997
GSAI Group: 5301
Date Reported: 10/10/91
Discard Date: 11/09/91
Date Submitted: 10/03/91
Date Sampled: 10/03/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

	Test	Analysis	Results	Units	Limit of Quantitation		
The continue of the continue o	0111	Moisture Method: EPA 160.3	12.1	*	0.1	10/08/91	RM
- Commonwealth	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/04/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D. Project Manager

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: L448 Matrix: Soil GSAI Sample: 28924
GSAI Group: 5114
Date Reported: 09/19/91
Discard Date: 10/19/91
Date Submitted: 09/12/91
Date Sampled: 09/11/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Test Analysis 09/18/91 JW % 0.1 15.6 0111 Moisture Method: EPA 160.3 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 MD 0.160 09/16/91 < 1.0 mg/kg PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Pagien E. Darbin, Ph.D.

Project Manager



CHIEF TAIRS ANALYTICALING

5450 Northwest Central Drive, State 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan

Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: L548 Matrix: Soil GSAI Sample: 28845 GSAI Group: 5098 Date Reported: 09/20/91 Discard Date: 10/20/91

Date Submitted: 09/10/91 Date Sampled: 09/10/91

Collected by: DPS

Purchase Order:

Project No.: 130-15

Test Analysis

Results
Units Quantitation Analyzed Analyst

1216 Polychlorinated Biphenyls, Solids

Method: SW-846 8080 PCB's, as Received

> 1.0

mg/kg

0.160

09/11/91

Date

MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by: A

Damien E. Durbin, Ph.D.



CULTIFICIATES AND MATTE MAINTE

5450 Northwest Central Drive, Suite HO Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: L648 Matrix: Soil

28844 GSAI Sample: 5098 GSAI Group: Date Reported: 09/20/91 10/20/91 Discard Date: Date Submitted: 09/10/91 Date Sampled: 09/10/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Units Results Analysis Test Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 MD 09/11/91 0.160 mg/kg > 1.0 PCB's, as Received

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

\$487 Market Commission Commission (1977)

Houston, IX //0/9

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, Texas

Sample ID: M348 Matrix: Soil GSAI Sample: 29532 GSAI Group: 5208 Date Reported: 09/27/91 Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91

Collected by: DS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Units Quantitation Analyzed Analyst Results Analysis Test 0.1 09/25/91 RM 17.4 % 0111 Moisture EPA 160.3 Method: 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 MD 09/24/91 0.160 < 1.0 mg/kg PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: M448 Matrix: Soil GSAI Sample: 28919
GSAI Group: 5114
Date Reported: 09/19/91
Discard Date: 10/19/91
Date Submitted: 09/12/91
Date Sampled: 09/11/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Test		Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
	0111	Moisture Method: EPA 160.3	18.3	%	0.1	09/18/91	JW
	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/16/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: M648 Matrix: Soil

GSAI Sample: 28963 GSAI Group: 5126 Date Reported: 09/19/91 Discard Date: 10/19/91 Date Submitted: 09/12/91 09/12/91 Date Sampled: OJC

Collected by:

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Extracted/ Quantitation Analyzed Analys	st
0111	Moisture Method: EPA 160.3	13.1	%	0.1 09/16/91 RM	
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160 09/14/91 MD	

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D. Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Attn:

Mr. Dan Simeone

Project: Otto Wolff Sealy, Texas

Sample ID: N148 Matrix: Soil GSAI Sample: 29529 5208 GSAI Group: Date Reported: 09/27/91 Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 DS

Collected by:

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	13.7	*	0.1	09/25/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/24/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, Texas

Sample ID: N248 Matrix: Soil GSAI Sample: 29530
GSAI Group: 5208
Date Reported: 09/27/91
Discard Date: 10/27/91
Date Submitted: 09/21/91
Date Sampled: 09/21/91
Collected by: DS

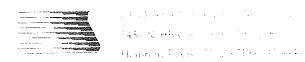
Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	14.7	%	0.1	09/25/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/24/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, Texas

Sample ID: N348 Matrix: Soil GSAI Sample: 29531 5208 GSAI Group: 09/27/91 Date Reported: Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 DS

Collected by:

Purchase Order:

Project No.: 130-15

Test		Analysis	Results	Units	Date Limit of Extracted/ s Quantitation Analyzed Analyst		
	0111	Moisture Method: EPA 160.3	17.8	%	0.1	09/25/91	RM
-	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/24/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: N448 Matrix: Soil GSAI Sample: 28918
GSAI Group: 5114
Date Reported: 09/19/91
Discard Date: 10/19/91
Date Submitted: 09/12/91
Date Sampled: 09/11/91
Collected by: DPS

Collected by: DF Purchase Order:

Project No.: 130-15

Test		Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
**************************************	0111	Moisture Method: EPA 160.3	18.2	%	0.1	09/18/91	JW
Volumin majorani vol	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/16/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D. Project Manager

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: N648 Matrix: Soil GSAI Sample: 28962
GSAI Group: 5126
Date Reported: 09/19/91
Discard Date: 10/19/91
Date Submitted: 09/12/91
Date Sampled: 09/12/91
Collected by: OJC

Purchase Order:

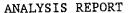
Project No.: 130-15

Test Analysis Results Units Quantitation Analyzed Analyst

1216 Polychlorinated Biphenyls, Solids
Method: SW-846 8080
PCB's, as Received > 1.0 mg/kg 0.160 09/14/91 MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E Durban, Ph.D.



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, Texas

Sample ID: 0148 Matrix: Soil

29528 GSAI Sample: 5208 GSAI Group: Date Reported: 09/27/91 Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 DS

Collected by:

Purchase Order:

Project No.: 130-15

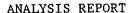
Date

Test	Analysis	Results	Units	Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	17.2	%	0.1 09/25/91 RM		
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160 09/24/91 MD		

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 77079

Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, Texas

Sample ID: 0248 Matrix: Soil

29527 GSAI Sample: GSAI Group: 5208 09/27/91 Date Reported: Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 Collected by: DS

Purchase Order:

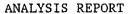
130-15 Project No.:

Date Limit of Extracted/ Units Quantitation Analyzed Analyst Results Test Analysis 0.1 09/25/91 RM 14.5 0111 Moisture EPA 160.3 Method: 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 0.160 09/24/91 MD PCB's, Dry Weight Basis < 1.0 mg/kg

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, Texas

Sample ID: 0348 Matrix: Soil

GSAI Sample: 29526
GSAI Group: 5208
Date Reported: 09/27/91
Discard Date: 10/27/91
Date Submitted: 09/21/91
Date Sampled: 09/21/91
Collected by: DS

Purchase Order:

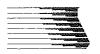
Project No.: 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	18.2	%	0.1	09/25/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/24/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



GIULF STATES ANALYTICAL, INC.

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: M

Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: 0448 Matrix: Soil GSAI Sample: 29025 GSAI Group: 5137 Date Reported: 10/09/91 Discard Date: 11/08/91 Date Submitted: 09/13/91 Date Sampled: 09/13/91

Collected by: DM

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Results Units Quantitation Analyzed Analyst Test Analysis 0111 Moisture 21.0 0.1 09/16/91 SUB Method: EPA 160.3 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis 0.10 09/15/91 SUB < 1.0 mg/kg

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel Simeone Project: Otto Wolff Sealy, Tx

Sample ID: 0548 Matrix: Soil

GSAI Sample: 28920 GSAI Group: 5114 Date Reported: 09/19/91 Discard Date: 10/19/91 Date Submitted: 09/12/91 Date Sampled: 09/11/91 Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Results Quantitation Analyzed Analyst Units Test Analysis 0.1 09/18/91 JW 15.7 % 0111 Moisture Method: EPA 160.3 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 09/16/91 MD 0.160 PCB's, Dry Weight Basis < 1.0 mg/kg

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: 0648 Matrix: Soil GSAI Sample: 28961
GSAI Group: 5126
Date Reported: 09/19/91
Discard Date: 10/19/91
Date Submitted: 09/12/91
Date Sampled: 09/12/91
Collected by: OJC

Purchase Order:

Project No.: 130-15

Test	Analysis		Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method:	EPA 160.3	13.9	%	0.1	09/16/91	RM
1216	Method: S	nated Biphenyls, Soli W-846 8080 Dry Weight Basis	.ds < 1.0	mg/kġ	0.160	09/14/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

amien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, Texas

Sample ID: P148 Matrix: Soil GSAI Sample: 29525 GSAI Group: 5208 Date Reported: 09/27/91 Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 Collected by: DS

Purchase Order:

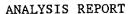
Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Units Results Test Analysis 0.1 09/25/91 RM % 16.9 0111 Moisture EPA 160.3 Method: 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 0.160 09/24/91 MD mg/kg < 1.0 PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 77079

Houston, TX

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, Texas

Sample ID: P248 Matrix: Soil

29524 GSAI Sample: 5208 GSAI Group: 09/27/91 Date Reported: Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 DS

Collected by:

Purchase Order:

130-15 Project No.:

Date Limit of Extracted/ Quantitation Analyzed Analyst Units Results Test Analysis 0.1 09/25/91 RM 21.0 % Moisture 0111 EPA 160.3 Method: Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 09/24/91 MD 0.160 PCB's, Dry Weight Basis < 1.0 mg/kg

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, Texas

Sample ID: P348 Matrix: Soil

29523 GSAI Sample: GSAI Group: 5208 Date Reported: 09/27/91 Discard Date: 10/27/91 Date Submitted: 09/21/91 09/21/91 Date Sampled:

Collected by:

Purchase Order:

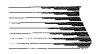
Project No.: 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	17.8	%	0.1	09/25/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/24/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



GULF STATES ANALYTICAL, INC.

5450 Northwest Central Drive, Suite 110 Houston, Texas 77092, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200

Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: P448 Soil Matrix:

GSAI Sample: 29024 GSAI Group: 5137 10/09/91 Date Reported: Discard Date: 11/08/91 Date Submitted: 09/13/91 Date Sampled: 09/13/91 DM

Collected by:

Purchase Order:

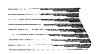
130-15 Project No.:

Test	Analysis	Results	Units	Limit of D		
0111	Moisture Method: EPA 160.3	15.0	%	0.1	09/16/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



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Harris Harris Committee Co

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn:

Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: P548 Matrix: Soil GSAI Sample: 28470 GSAI Group: 5027 09/10/91 Date Reported: Discard Date: 10/10/91 Date Submitted: 08/30/91 08/30/91 Date Sampled:

Collected by:

DPS

Purchase Order:

Project No.:

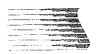
130-15

Test	Analysis	Results	Units	Limit of Quantitation	•	
0111	Moisture Method: EPA 160.3	12.0	%	0.1	09/03/91	GR
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/02/91	DE

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: P648 Matrix: Soil

28960 GSAI Sample: 5126 GSAI Group: 09/19/91 Date Reported: Discard Date: 10/19/91 Date Submitted: 09/12/91 Date Sampled: 09/12/91 Collected by: OJC

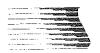
Purchase Order:

130-15 Project No.:

Date Limit of Extracted/ Units Quantitation Analyzed Analyst Results Analysis Test 09/16/91 RM 0.1 11.3 Moisture 0111 EPA 160.3 Method: Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 09/14/91 MD 0.160 mg/kg PCB's, Dry Weight Basis < 1.0

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, Texas

Sample ID: Q148 Matrix: Soil GSAI Sample: 29520 GSAI Group: 5208 Date Reported: 09/27/91 Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 Collected by: DS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Quantitation Analyzed Analyst Results Units Test Analysis 0.1 09/25/91 RM % 17.3 0111 Moisture Method: EPA 160.3 1216 Polychlorinated Biphenyls, Solids Method: SW-846 8080 09/24/91 MD 0.160 < 1.0 mg/kg PCB's, Dry Weight Basis

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Surfaces of mid-Drive, State 1.

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, Texas

Sample ID: Q248 Matrix: Soil

GSAI Sample: 29521
GSAI Group: 5208
Date Reported: 09/27/91
Discard Date: 10/27/91
Date Submitted: 09/21/91
Date Sampled: 09/21/91

Collected by: DS

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	17.0	%	0.1	09/25/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/24/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, Texas

Sample ID: Q348 Soil Matrix:

GSAI Sample: 29522 GSAI Group: 5208 09/27/91 Date Reported: Discard Date: 10/27/91 Date Submitted: 09/21/91 Date Sampled: 09/21/91 DS

Collected by:

Purchase Order:

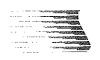
Project No.: 130-15

A Company of the Comp	Test	Analysis	Results	Units	Limit of Quantitation		
Total Control of the	0111	Moisture Method: EPA 160.3	15.5	%	0.1	09/25/91	RM
hampopussiffee PFF	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/24/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



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5450 Northwest Central Drive, State 112 Houston, Texas 77092, CTE (1690-4444) EAN (Torright) Rose

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

Sample ID: Q448 Matrix: Soil GSAI Sample: 29023 5137 GSAI Group: 10/09/91 Date Reported: Discard Date: 11/08/91 Date Submitted: 09/13/91 Date Sampled: 09/13/91 DM

Collected by:

Purchase Order:

130-15 Project No.:

	Test	Analysis	Results	Units	Limit of E		
Secretary National Confession of the Confession	0111	Moisture Method: EPA 160.3	11.0	%	0.1	09/16/91	SUB
Company, Avades and America	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



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5450 Northwest Central Drive, Suite 110 Houston, Tex.is 77092, (713) 690-4444, FAX (713) 691-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: Q548 Matrix: Soil

GSAI Sample: 29022 GSAI Group: 5137 Date Reported: 10/09/91 Discard Date: 11/08/91 Date Submitted: 09/13/91 Date Sampled: 09/13/91

Collected by: DM

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of I		
0111	Moisture Method: EPA 160.3	11.0	%	0.1	09/16/91	SUB
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.10	09/15/91	SUB

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff Sealy, TX

PCB's, as Received

Sample ID: Q648 Soil Matrix:

GSAI Sample: 28469 5027 GSAI Group: Date Reported: 09/10/91 10/10/91 Discard Date: Date Submitted: 08/30/91 08/30/91 Date Sampled: Collected by: DPS

Purchase Order:

130-15 Project No.:

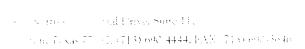
Date

Limit of Extracted/ Units Quantitation Analyzed Analyst Results Test Analysis Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 DE 09/02/91 > 1.0 mg/kg 0.160

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff, Sealy, TX

Sample ID: A160 Matrix: Soil GSAI Sample: 30574 GSAI Group: 5403 Date Reported: 10/18/91 Discard Date: 11/17/91 Date Submitted: 10/16/91 Date Sampled: 10/16/91 DPS

Collected by: Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of l Quantitation		
0111	Moisture Method: EPA 160.3	13.5	%	0.1	10/18/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/17/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

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ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff, Sealy, TX

Sample ID: A260 Soil Matrix:

GSAI Sample: 30577 GSAI Group: 5403 Date Reported: 10/18/91 Discard Date: 11/17/91 Date Submitted: 10/16/91 10/16/91 Date Sampled: DPS Collected by:

Purchase Order:

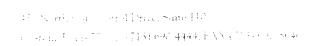
130-15 Project No.:

Test	Analysis	Results	Units	Limit of I		
0111	Moisture Method: EPA 160.3	14.6	%	0.1	10/18/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/17/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Mr. Dan Simeone Attn:

Project: Otto Wolff, Sealy, TX

Sample ID: A360 Soil Matrix:

30578 GSAI Sample: 5403 GSAI Group: Date Reported: 10/18/91 Discard Date: 11/17/91 Date Submitted: 10/16/91 Date Sampled: 10/16/91 Collected by: DPS

Purchase Order:

130-15 Project No.:

	Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst	
	0111	Moisture Method: EPA 160.3	11.7	%	0.1 10/18/91 RM	
Section and the section of the secti	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160 10/17/91 MD	

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E Durbin Ph.D. Project Manager



5450 Northwest Central Drive, State 110 Houston, Texas 770 (2) (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff Sealy, TX

Sample ID: A4N60 Matrix: Soil

GSAI Sample: 30717 GSAI Group: 5441 Date Reported: 10/21/91 Discard Date: 11/20/91 Date Submitted: 10/18/91 Date Sampled: 10/18/91 Collected by: BLC

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Limit of D		
0111	Moisture Method: EPA 160.3	11.5	%	0.1	10/22/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/20/91	RK

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin OPh.D.

Project Manager



5450 Northwest Central Drive, Suite 110 Houston, Texas 773/12, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 77079 Houston, TX

Mr. Daniel P. Simeone Project: Otto Wolff Sealy, Texas

Sample ID: A460 Soil Matrix:

GSAI Sample: 30160 GSAI Group: 5327 Date Reported: 10/09/91 Discard Date: 11/08/91 Date Submitted: 10/07/91 Date Sampled: 10/07/91 DS

Collected by: Purchase Order:

130-15 Project No.:

	Test	Analysis	Results	Units	Limit of E Quantitation		
	0111	Moisture Method: EPA 160.3	14.2	%	0.1	10/09/91	RM
Carried Control of the Control of th	1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/07/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.



到了我们的时间,这是一个大型的时候。 5450 Northwest Central Drive, Suite 110

Houston, Texas 77(342, (713) 690-4444, FAX (713) 690-5646

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Daniel P. Simeone Project: Otto Wolff Sealy, Texas

Sample ID: A560 Soil Matrix:

30165 GSAI Sample: GSAI Group: 5327 Date Reported: 10/09/91 Discard Date: 11/08/91 Date Submitted: 10/07/91 Date Sampled: 10/07/91 Collected by: DS

Purchase Order:

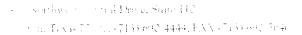
Project No.: 130-15

Test	Analysis	Results	Units	Limit of Quantitation		
0111	Moisture Method: EPA 160.3	15.3	%	0.1	10/09/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/07/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager



Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Attn: Mr. Dan Simeone

Project: Otto Wolff, Sealy, TX

Sample ID: B160 Matrix: Soil GSAI Sample: 30575
GSAI Group: 5403
Date Reported: 10/18/91
Discard Date: 11/17/91
Date Submitted: 10/16/91
Date Sampled: 10/16/91
Collected by: DPS

Purchase Order:

Project No.: 130-15

Test	Analysis	Results	Units	Date Limit of Extracted/ Quantitation Analyzed Analyst		
0111	Moisture Method: EPA 160.3	13.4	%	0.1	10/18/91	RM
1216	Polychlorinated Biphenyls, Solids Method: SW-846 8080 PCB's, Dry Weight Basis	< 1.0	mg/kg	0.160	10/17/91	MD

Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Durbin, Ph.D.

Project Manager

- (713) 640 4444 (XX (1 - 10 m) 3644

ANALYSIS REPORT

Southwest Construction Managers 16000 Memorial Drive Suite 200 Houston, TX 77079

Commence of the Same Inc.

Attn: Mr.

Mr. Dan Simeone

Project: Otto Wolff, Sealy, TX

Sample ID: B260 Matrix: Soil GSAI Sample: 30576 GSAI Group: 5403 Date Reported: 10/18/91 Discard Date: 11/17/91

Discard Date: 11/17/91
Date Submitted: 10/16/91
Date Sampled: 10/16/91

Collected by: DPS

Purchase Order:

Project No.: 130-15

Date Limit of Extracted/ Units Quantitation Analyzed Analyst Results Test Analysis 13.7 % 0.1 10/18/91 0111 Moisture EPA 160.3 Method: Polychlorinated Biphenyls, Solids 1216 Method: SW-846 8080 MD 0.160 10/17/91 PCB's, Dry Weight Basis < 1.0 mg/kg

> Respectfully Submitted, Gulf States Analytical, Inc. Reviewed and Approved by:

Damien E. Burbin, Ph.D